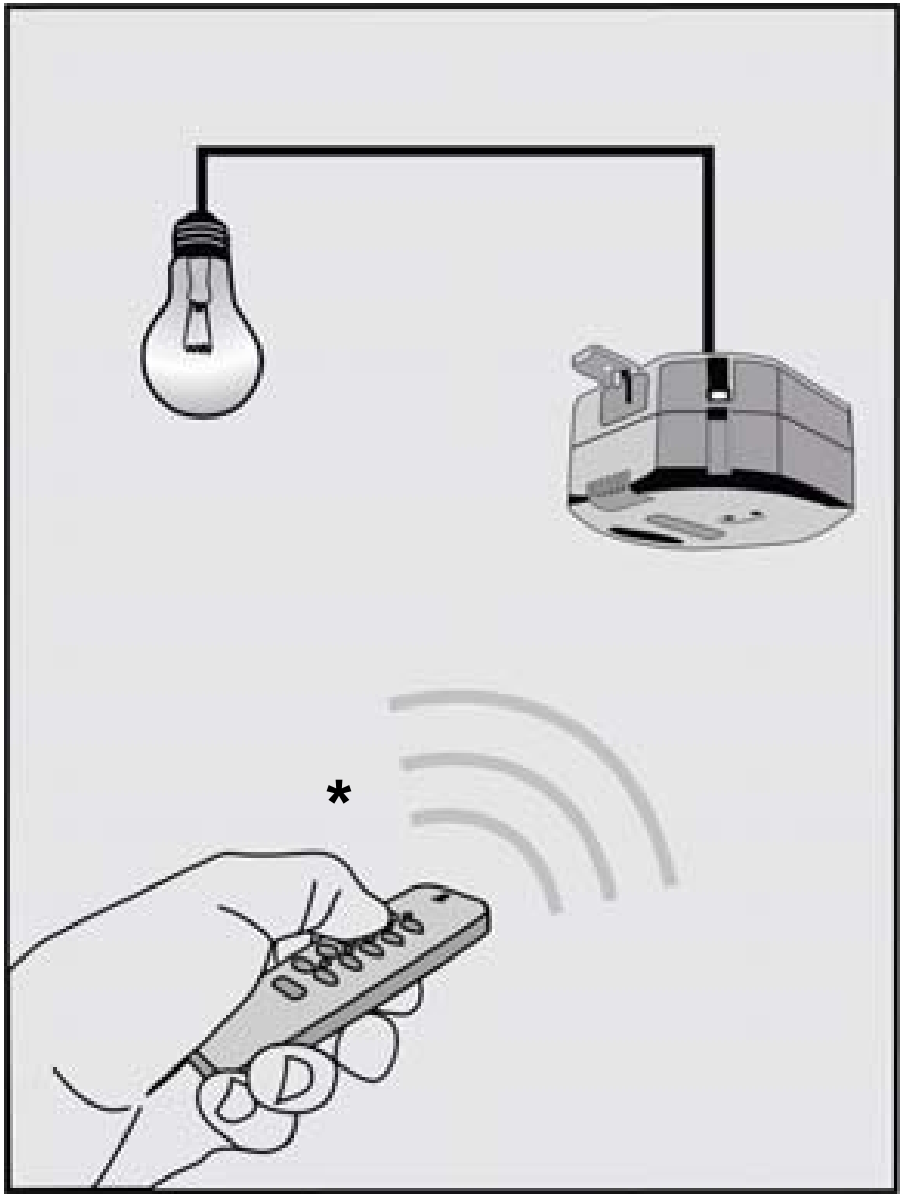
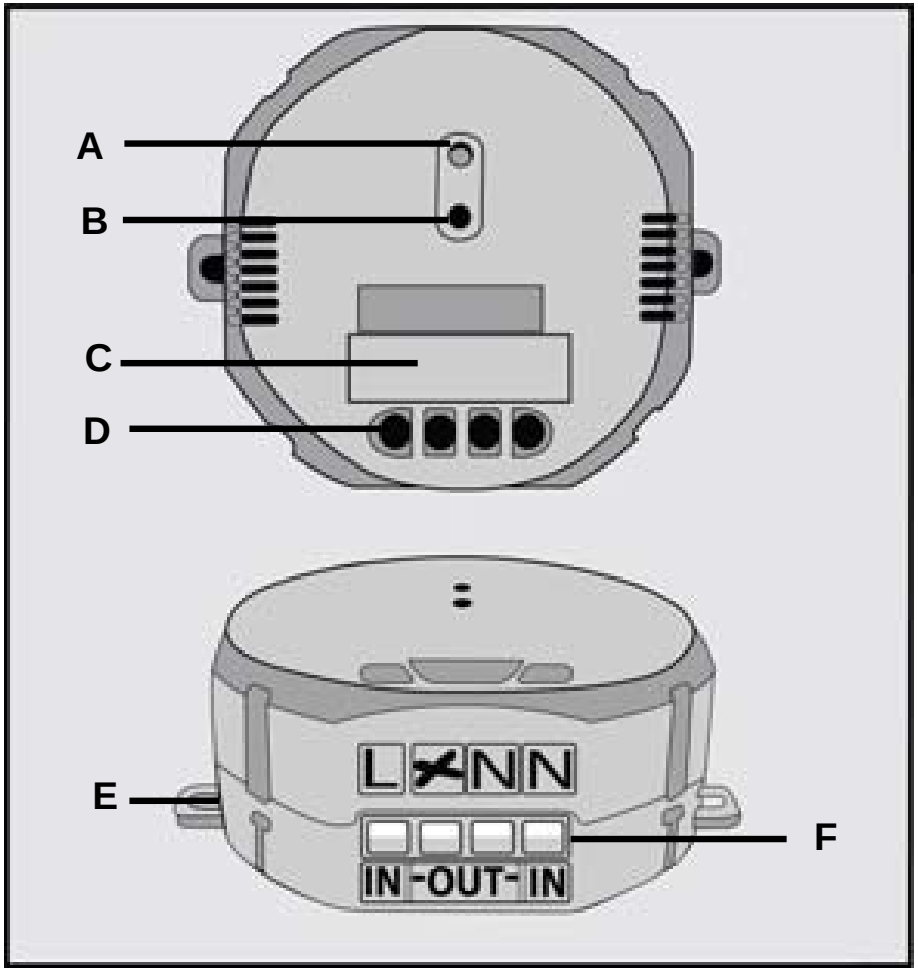
USER'S MANUAL
version 1.1

English

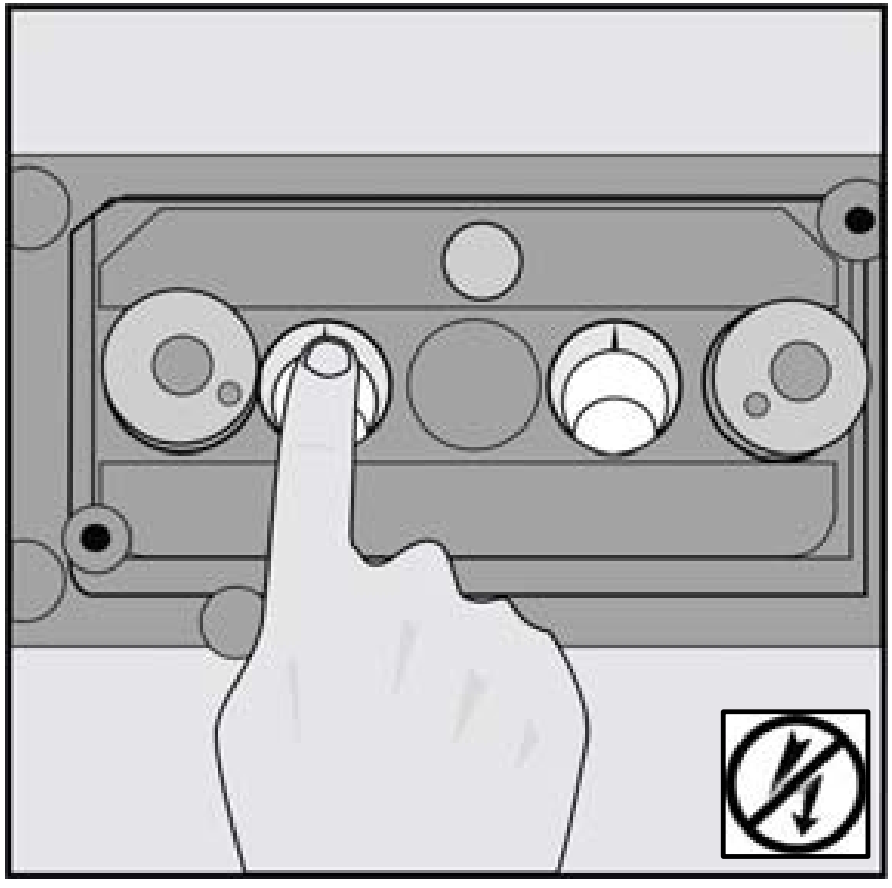
ACM-1000 BUILT-IN SWITCH



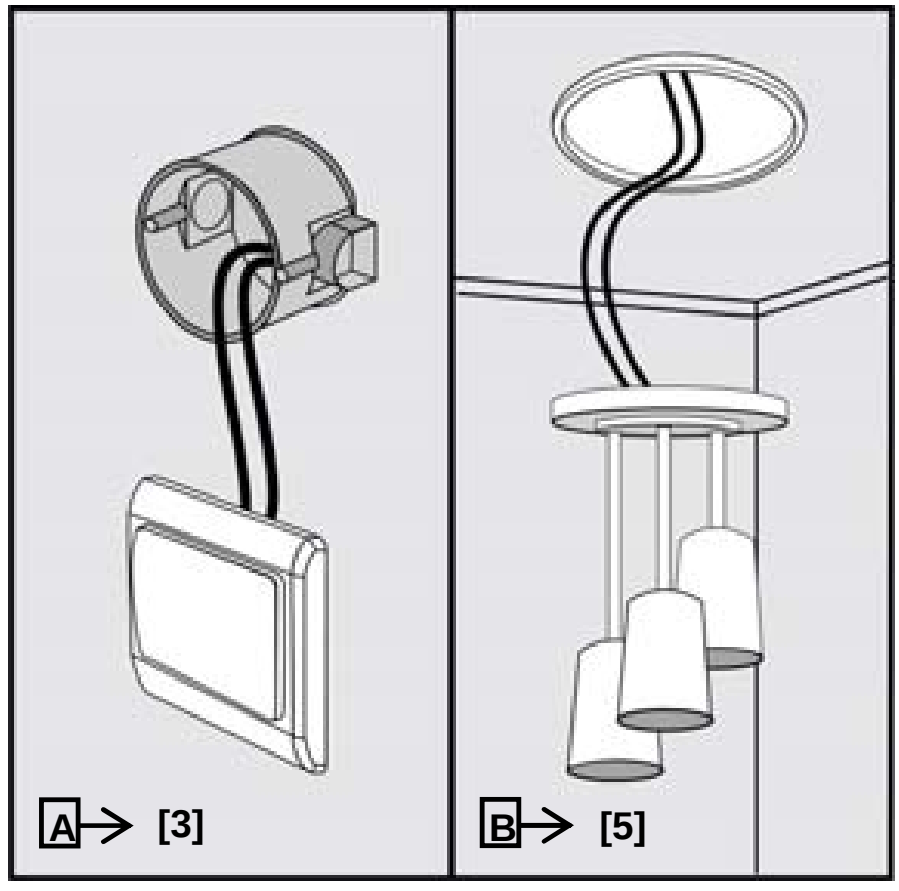
* *Picture of the AYCT-102 (not included)*



A: Search mode button
B: Indicator (voltage and connection status)
C: Fuse holder
D: Terminal screws
E: Mounting tabs
F: Power connection



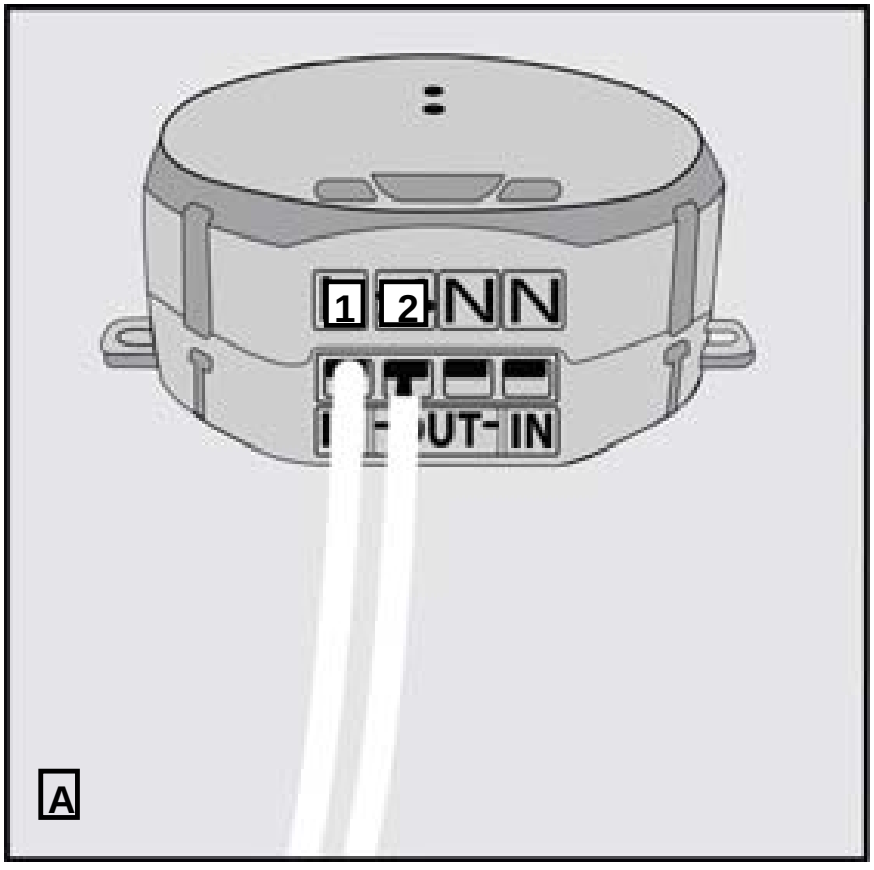
[1] Switch off the mains power (in meter cupboard).

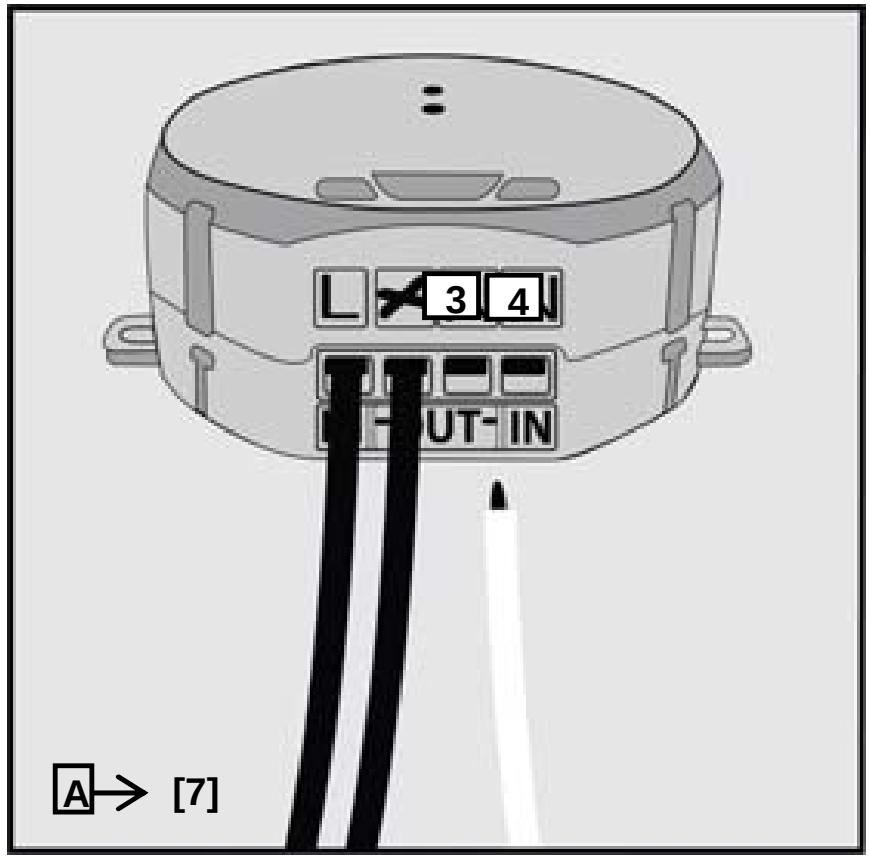


[2A] Wall installation: Remove the wires connected to the existing simplex switch. Continue with step **[3]**.

⚠ *The existing wall switch is replaced by this product and is no longer used!*

[2B] Ceiling installation: Remove the existing lighting and disconnect the two wires attached to the lighting. Continue with step **[5]**.





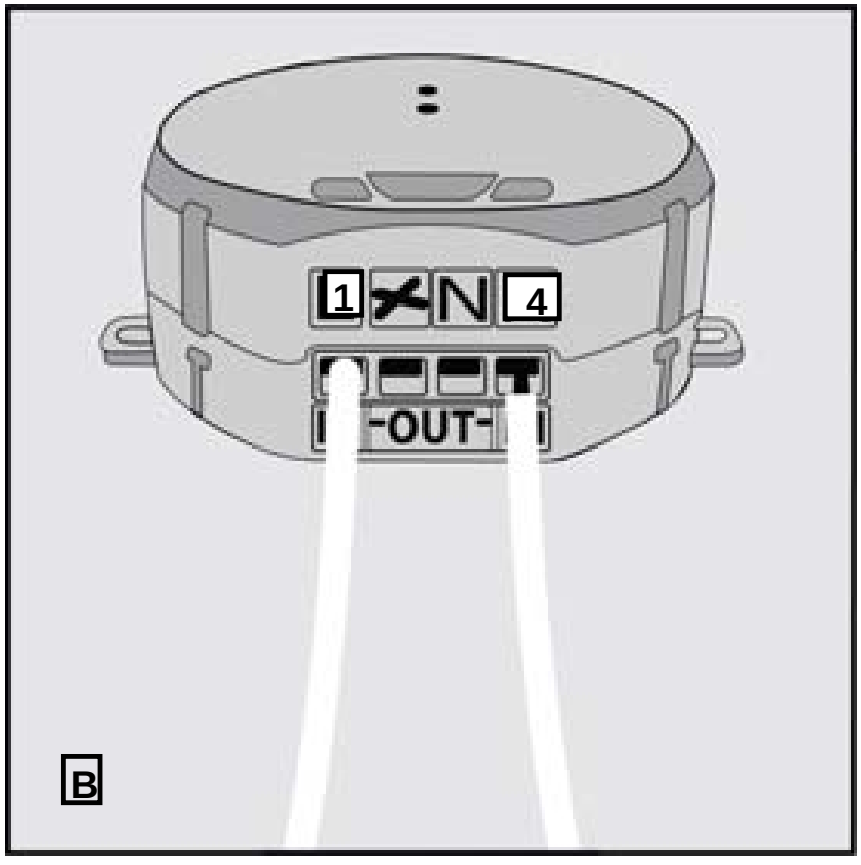
[3] Connect the two disconnected wires to the two leftmost terminals: [1] the (brown) “hot wire”, [2] the (black) “switch wire”. Tighten the clamping screws.

⚠ *The existing switch must be a 2-way switch (not a 3-way switch for control from two locations)!*

⚠ *Your wire colours may be different! If in doubt, ask your installer!*

[4] Connect a (blue) neutral wire from the wall to one of the two rightmost terminals [3] or [4]. It does not matter which one you choose. Continue with step **[7]**.

⚠ *In practice, there is often no neutral wire present for a 2-way switch. If not, one must be installed!*

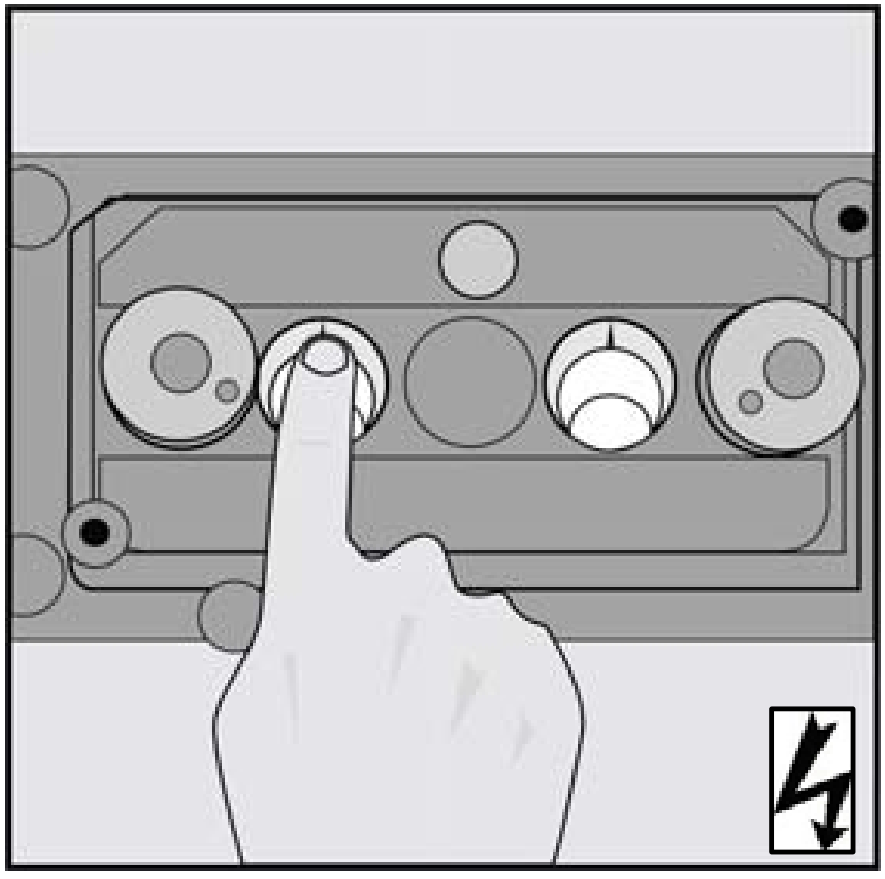


[5] Attach the disconnected wires from the ceiling to the two outermost terminals (IN): [1] the (brown) “hot wire”, [4] the (blue) “neutral wire”. Tighten the clamping screws.

⚠ *Your wire colours may be different! If in doubt, ask your installer!*

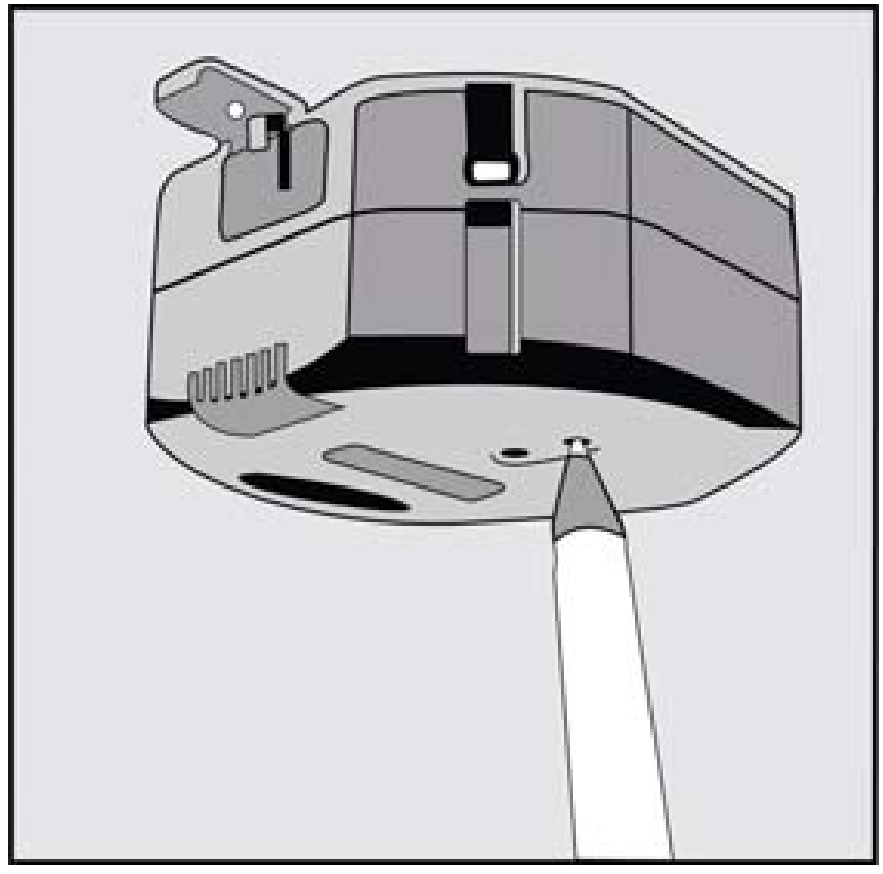
[6] Attach the two wires from the lighting to the two innermost connections (OUT) [2] and [3]. Tighten the clamping screws.

⚠ *It does not matter which wire is connected to [2] and which is connected to [3]!*



[7] Switch on the mains power (in the meter cupboard). The indicator on the switch remains lit as long as there is power on the circuit.

⚠ *For the following steps: Be careful! Only touch the plastic portion of the product! Do not contact any exposed wiring!*

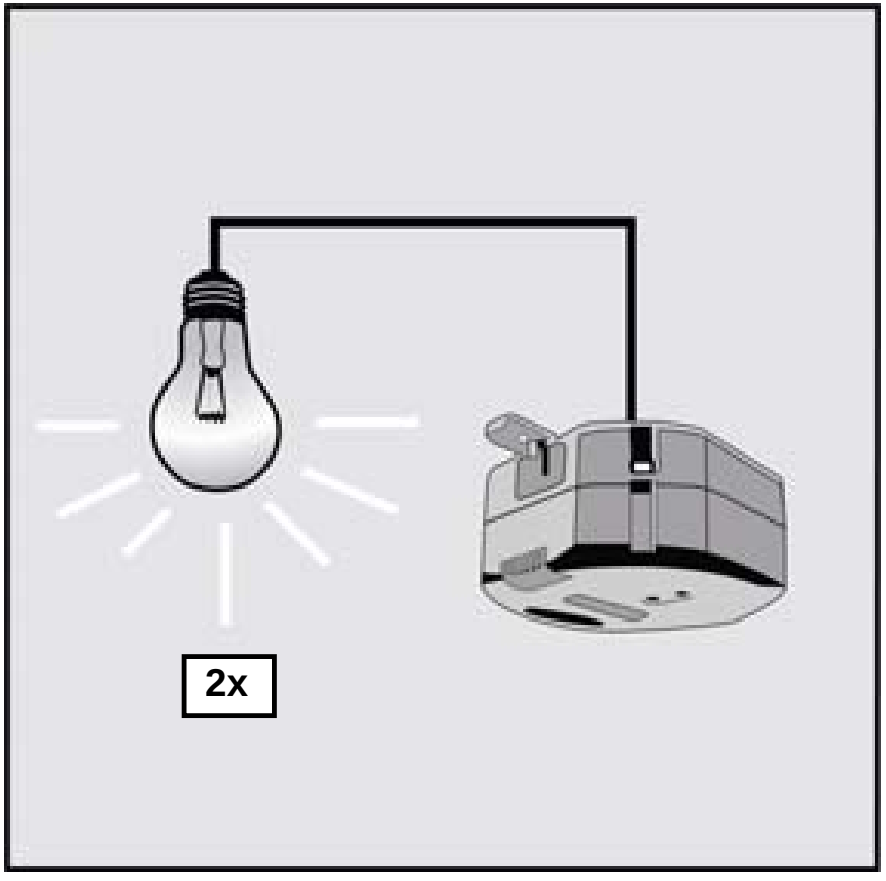


[8] Briefly press the search mode button with a pointed object. The indicator will begin to flash.

⚠ *The search mode will be active for 15 seconds.* If necessary, repeat ***[8]*** *to activate the search mode again!*

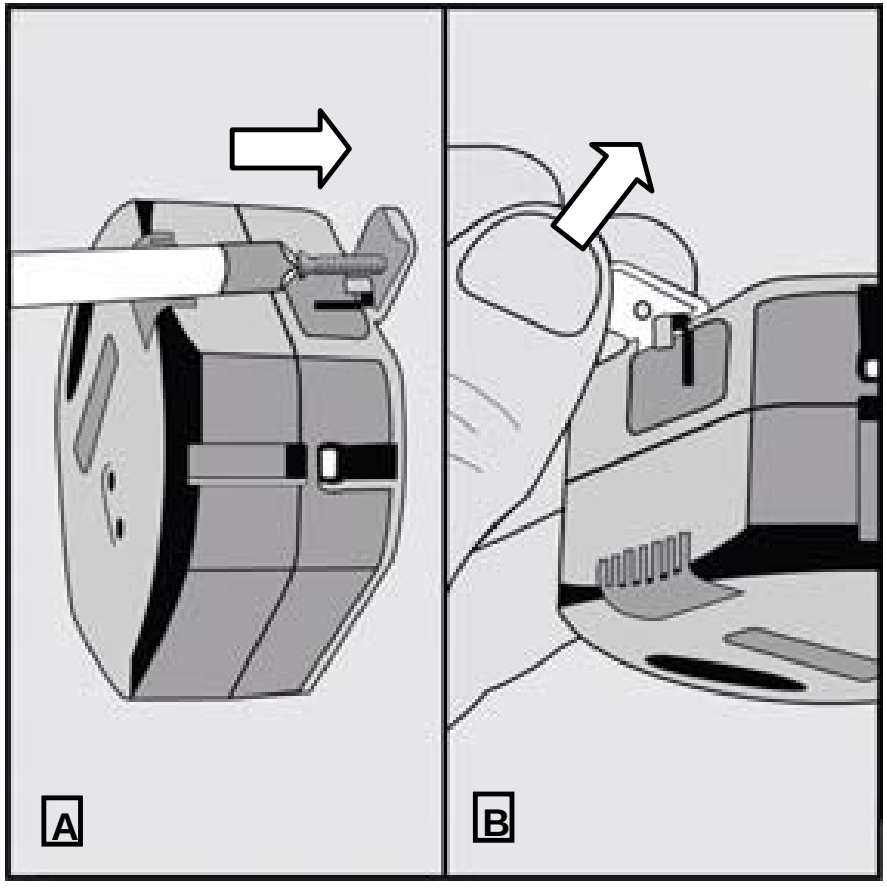
[9] Send an "on" signal with the transmitter; for example: Press the desired on button of a COCO remote control or wall switch, or activate a COCO motion sensor. The indicator on the built-in switch stops flashing as soon as the connection has been made.

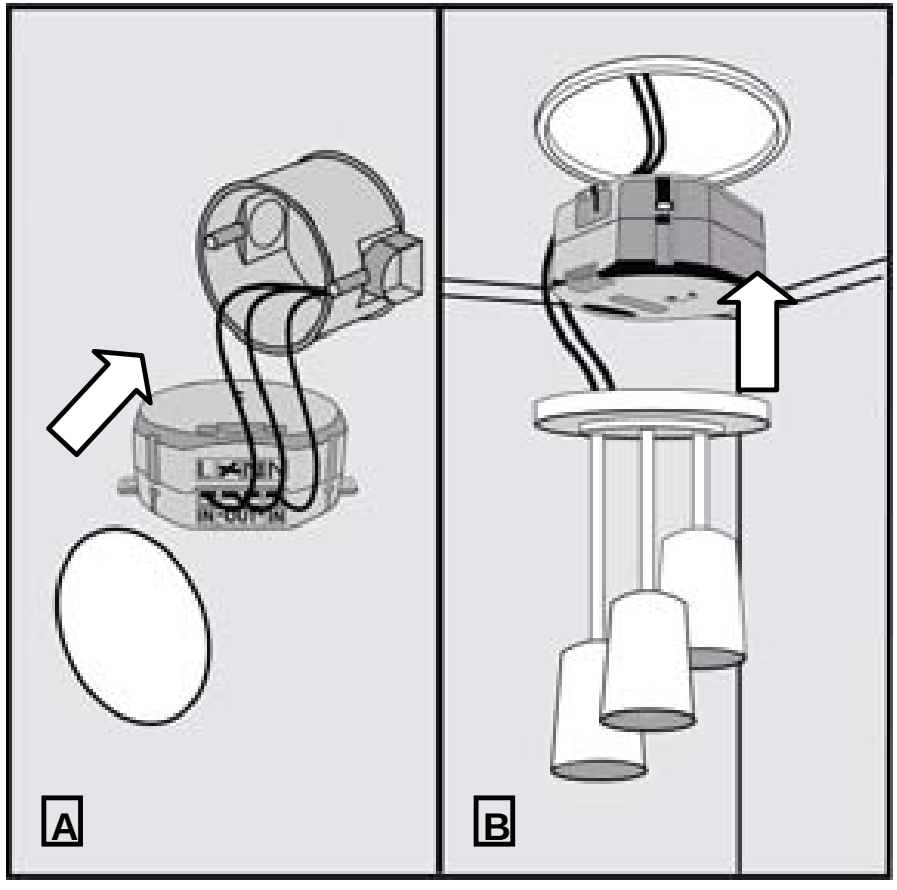
⚠ *See the manual for the concerned transmitter.* The pictured transmitter is not always included. *Check the specifications on the packaging!*



[10] To confirm, the built-in switch switches on and off two times. The code of the transmitter is stored in the memory of the receiver.

⚠ *A maximum of 6 different transmitter codes can be stored simultaneously*.





[11A] Save the two screws so the built-in switch can be mounted in the junction box if there is enough room.

[11B] If there is too little room in the junction box, break off the mounting tabs.

[12A] Cover the junction box with a blind cover (available from your electrical retailer) once the switch has been installed.

[12B] Mount the light on the ceiling (again) once the switch has been installed.

Remarks

⚠ Reminders

- This product is intended for installation in a wall or ceiling junction box and must be used in combination with at least one COCO transmitter.
- This product is a switch/receiver: control lights (or other suitable devices) remotely, without complicated wiring.
- This product can be used for halogen lighting or other devices with a voltage lower than 230 Volts, if they are equipped with a 230 Volt transformer. If in doubt, consult your lighting supplier or installer.
- To prevent interference, avoid placing multiple products close to each other. The minimum distance between units should be approx. 50 cm.
- The wireless system can be expanded indefinitely with other COCO remote controls and/or receivers.
- Your COCO transmitter may have a special "group" button with which multiple receivers with different settings can be controlled simultaneously. Repeat **[8 - 10]** and press the "group" button on the transmitter during step **[9]**.
- During a power failure the codes remain in the memory.
- To delete the stored codes (resetting the memory): (1) Hold in the search mode button. (2) The indicator begins flashing after approx. 7 seconds. (3) Release the search mode button. (4) Briefly press the search mode button again. (5) To confirm, the connected device switches on and off two times.
- If the product does not work:
  - Reset the memory (see previous line) and set the code from the transmitter again (repeat **[8 - 10]**).
  - Check whether the indicator is lit; if not, there may not be any power to the product or the fuse may have blown.
  - Fuse replacement: (1) Open the wall or ceiling junction box. (2) Pry open the fuse holder with a screwdriver. (3) Press the fuse out of the holder (the fuse will be slightly blackened if it is blown). (4) Press the new fuse into the holder. (5) Press the holder into the switch and close the wall or ceiling junction box.

⚠ Safety instructions

- Always switch off the mains power before you begin with installation or removal. Switch the mains power on again once you are completely finished with the installation/removal, unless stated otherwise.
- The connected voltage must be 220-240 Volts and 50 Hertz.
- Do not connect any lights or other devices that consume more than 1000 Watts.
- Connecting incorrect equipment can cause defects, a short circuit and fire.
- This product is protected with a 20 mm fuse rated at 5 A (T5A, H250V). An equivalent fuse must be used during replacement.
- Do not expose this product to excessive heat, direct sunlight or moisture.
- Do not attempt to repair this product. If the product is damaged or if you are in doubt about the proper operation, take the product back to the place of purchase.
- Do not use the product in damp areas. Clean the device with a clean cloth.

⚠ Wireless

- This product works using a radio signal that passes through walls, windows and doors. The range is maximum 75 metres in the open air. The range indoors is strongly influenced by local conditions such as concrete, glass and metals. On average, the indoor range is approximately 30 metres.
- New double glass often includes a thin metallic layer. This type of glazing ("**HR glass**") allows most visible light to pass through but has a negative impact on radio signals. If there is HR glass between the transmitter and receiver, you should expect a significant reduction of the range of the wireless signal.
- This product operates at a frequency of 433.92 MHz. It complies with the essential requirements and other conditions of R&TTE Directive 1999/5/EC and can be used in all EU countries.
- There may be restrictions on the use of this device outside the EU. If this device is used outside the EU, check whether the device complies with the local directives.

CE

This product complies with the essential requirements and other relevant provisions of the applicable European directives. The Declaration of Conformity (DoC) is available at www.coco-technology.com.

If possible, submit this product for recycling after use. Do not dispose of the product with household trash.

Warranty and copyright

This device is covered by a 2-year warranty that begins on the day of purchase. Visit www.coco-technology.com/warranty for additional information. Reprinting of (portions of) this manual without permission from Pan-Trade International B.V. is expressly prohibited.

PAN-TRADE INTERNATIONAL B.V.

P.O. BOX 126
4760 AC ZEVENBERGEN
THE NETHERLANDS
www.coco-technology.com

CE

Declaration of Conformity

Pan-Trade International BV declares that the COCO product, model:

type designation	AC-1000 BUILT-IN SWITCH
item number	74015

is in compliance with the essential requirements and other relevant provisions of directives R&TTE 1999/5/EC, EMC 2004/108/EC and LVD 2006/95/EC and is compatible with the standards EN 300 220-1/3, EN 55015, EN 301 489-1/3 and EN 60950.

Manufacturer / Authorised representative,

M.A. Hoekstra, managing director
Zevenbergen, 2008-01-30